



**Exotic vegetation control (*Tecoma stans*) progress report (2018 – 2019) – Mogalakwena Mine**



## **Exotic Vegetation Progress Report (Yellow bells – *Tecoma stans*)**

5 July 2019

Following are some fix photo point photos to show the progress (success) of the Project since the start in October 2018.

Notice must be taken of the reality that there are a HUGE amount of seeds in the ground from all the years that these plants have grown here. This has also led to the decision to make this a 5 year project.

With exotic vegetation control, re-growth is a reality. It takes about 3 years on average to kill the plants totally.

The leaf and stem application with the herbicide NUVOGON, are still VERY successful.

Since the team started again in June 2019, they focussed primarily on spraying re-growth and new growth. It is estimated that the re-growth is at about 10%. New plants in the areas already treated are considerable and that is the main focus currently. They are still busy with spraying re-growth and there-after will continue to cut and spray new plants.

Rian and his team are still doing a GREAT job and they work really hard. I still ascribe the success of the Project to good supervision and physical involvement from Rian himself.

On the following page find the total plants treated, either by leaf application (small shrubs – knee hight) or cut stump treatment (bigger plants / trees).

Month	Monthly Totals	Monthly Totals	Monthly Totals
	Leaf treatment Bushes	Cutting Treatment	Cutting Bushes x 4
Oct-18	379	857	3428
Nov-18	1540	3877	17740
Dec-18	654	2232	8140
Jan-19	6286	1368	812
Feb-19	6784	786	3144
Mar-19	5169	447	1752
Jun-19	2920	0	0
<b>TOTAL</b>	<b>23732</b>	<b>9567</b>	<b>35016</b>

The column called “cutting bushes x 4” is an indication of the amount of individual stems treated. *Tecoma stans* is a multi-stemmed plant and Rian has worked on an average of 4 stems per plant to indicate the amount of individual stems being cut and treated with herbicide.

The total amount of individual plants that have been treated so far, irrespective of the amount of stems per plant, is **9 567**.

Following is a photographic record of only 6 sites to give you an idea of the success of the Project.

Oct 2018



## Fix photo point - EV 4

Jul 2019



Nov 2018



Oct 2018



**Fix photo point - EV 5BZ**

Jul 2019



Nov 2018



Oct 2018



## Fix photo point - EV 7.5

Jul 2019



Nov 2018



# Fix photo point - EV 7.3

Oct 2018



Jul 2019



Nov 2018



Oct 2018

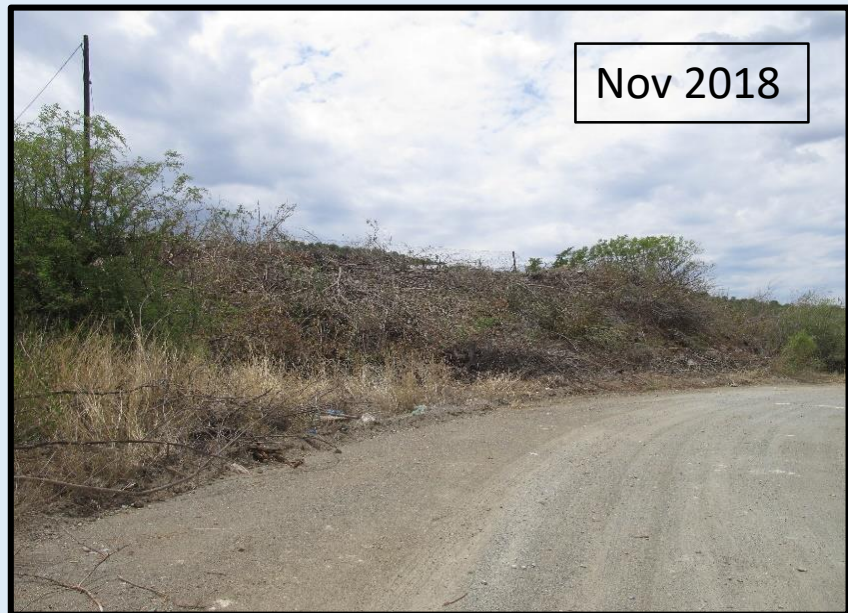


# Fix photo point - EV 12.1

Jul 2019



Nov 2018





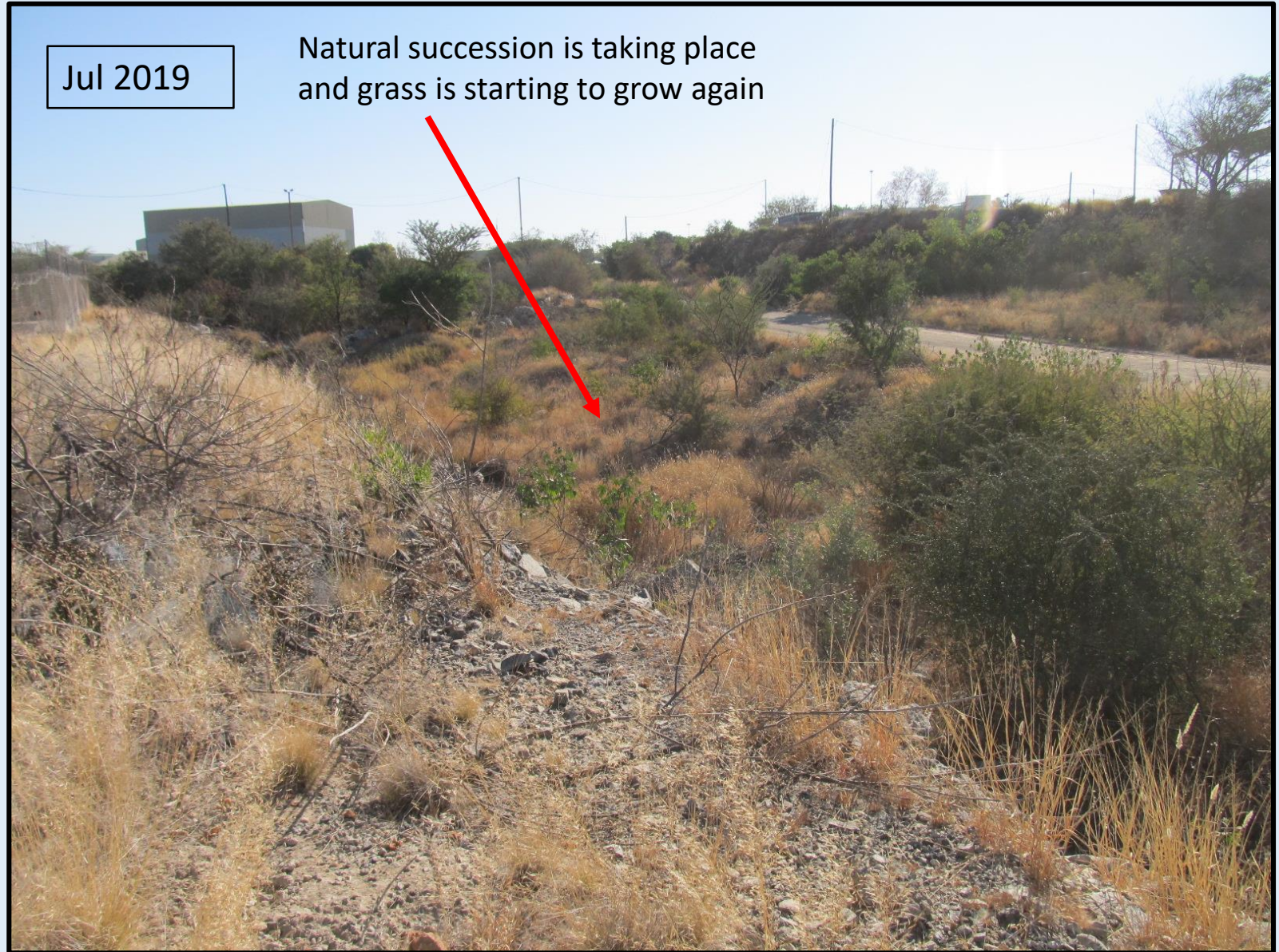
Oct 2018



## Fix photo point - EV 14

Jul 2019

Natural succession is taking place  
and grass is starting to grow again



Nov 2018

